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**Soil Profile and Percent Slope Practice**

Draw and label a typical soil profile. Write one major characteristics for each layer of soil. (Draw your picture on the back of this sheet.)

Why is it important to know the slope of your land?

Using the figures below, calculate the slope of the land.

|  |  |  |  |
| --- | --- | --- | --- |
| **Eye Height** | **Rod Height** | **Length** | **Percent Slope** |
| 5.1 | 4.1 | 25 |  |
| 6.2 | 4.9 | 50 |  |
| 7.4 | 6.5 | 75 |  |
| 9.5 | 8.3 | 100 |  |
| 4.2 | 3.2 | 50 |  |
| 9.5 | 6.2 | 100 |  |
| 7.6 | 5.3 | 100 |  |

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Hour: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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